

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/050320

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 C07K14/575 C07K7/06 A61K38/22 A61P5/48

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, MEDLINE, WPI Data, PAJ, CHEM ABS Data, EMBASE, BIOSIS

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 885 904 A (FRAUNHOFER GES FORSCHUNG) 23 December 1998 (1998-12-23) abstract page 3, paragraph 2	1-19
Y	US 2002/119926 A1 (FRASER PAUL) 29 August 2002 (2002-08-29) abstract; claims; figure 2	1-19
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

6 August 2004

Date of mailing of the international search report

20/08/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MORIARTY D F ET AL: "Effects of sequential proline substitutions on amyloid formation by human amylin20-29." BIOCHEMISTRY. UNITED STATES 9 FEB 1999, vol. 38, no. 6, 9 February 1999 (1999-02-09), pages 1811-1818, XP002249402 ISSN: 0006-2960 cited in the application abstract page 1817, column 1	1-19
A	WESTERMARK P ET AL: "ISLET AMYLOID POLYPEPTIDE: PINPOINTING AMINO ACID RESIDUES LINKED TO AMYLOID FIBRIL FORMATION" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 87, no. 13, 1 July 1990 (1990-07-01), pages 5036-5040, XP000137094 ISSN: 0027-8424	
Y	WO 96/39834 A (UNIV NEW YORK) 19 December 1996 (1996-12-19) page 25	1-19
Y	SOTO C ET AL: "BETA-SHEET BREAKER PEPTIDES INHIBIT FIBRILLOGENESIS IN A RAT BRAIN MODEL OF AMYLOIDOSIS: IMPLICATIONS FOR ALZHEIMER'S THERAPY" NATURE MEDICINE, NATURE PUBLISHING, CO, US, vol. 4, no. 7, 1998, pages 822-826, XP000914747 ISSN: 1078-8956 page 822, column 1	1-19
A	EP 1 162 207 A (AMYLIN PHARMACEUTICALS INC) 12 December 2001 (2001-12-12)	

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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 18-19  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 18-19 are directed to a method of treatment of the human/animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/050320

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0885904	A	23-12-1998	DE 19725619 A1	24-12-1998
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